

Inland Waterways Users Board Meeting July 27, 2005

Waterways Action Plan Partnership Portfolio Risk Assessments



Waterways Action Plan Partnership







WAP Partnership Objective

- Develop an umbrella document addressing:
 - Partnering organization structures
 - Event planning procedures (what and by whom)
 - Proper benchmarks or thresholds (when action should be taken)
 - Communication tree (who to contact)
 - Definitions for infrastructure & waterway terms
 - for response and recovery from high water/high flow, low flow, and ice conditions along the inland waterway system.
 - Existing waterway-specific Crisis Action Plans will be updated appendices (annexes) to this document.



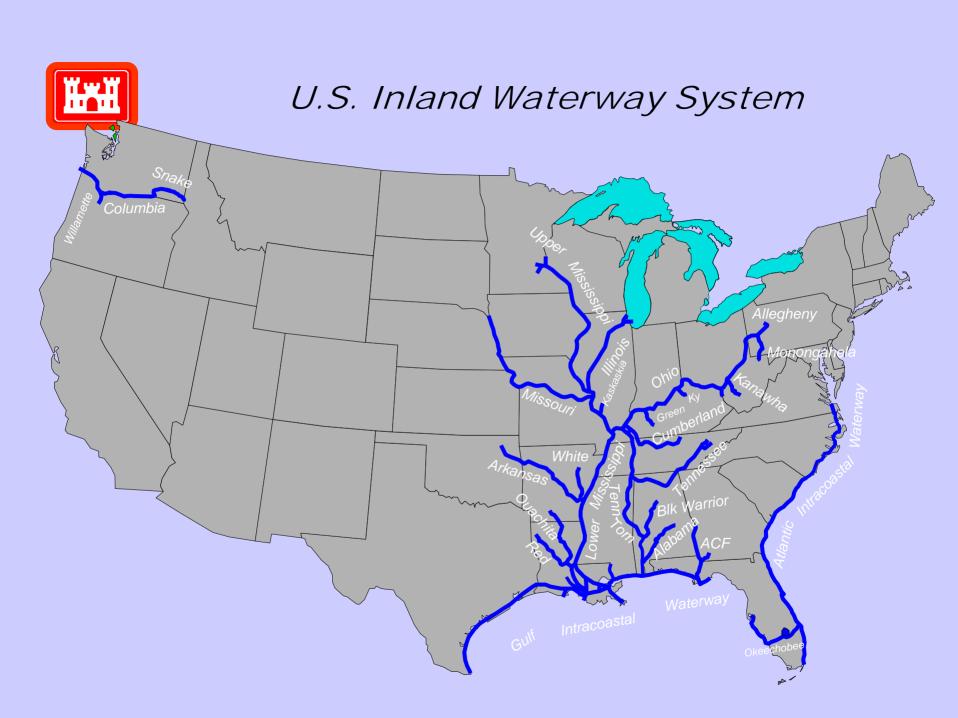
WAP Partnership Background

- Partnership members: the Navigation Industry (National and Regional Organizations), U.S. Coast Guard, and Army Corps of Engineers
- Partnership Agreement signed March 15,
 2005 at the Inland Waterways Conference in Nashville, TN



WAP Partnership Timetable

- Establish WAP Steering Committee 27/28
 Apr 05
- Assign development of waterway-specific annexes to regional workgroups – Jun 05
- Complete all annexes and compile the WAP Oct 05
- Review the WAP Nov/Dec 05
- Develop an exercise program to be included Jan 06
- Approve and disseminate the WAP Feb 06





Portfolio Risk Assessment (PRA)





PRA Objective

- Regionally, conduct dam safety screening for all 609 Corps flood damage reduction and navigation projects
- Identify dam projects at greatest risk, Corps-wide
- Prioritize top 10% of dam projects at greatest risk using a standardized screening process
- Determine cost of risk reduction and prepare technical documentation for funding requests
- Conduct evaluations of other 80% 90% of Corps dams as funding provided



PRA Methodology

- Phase 1 Screening for Portfolio Risk Assessment (SPRA)
 - Focus on Dams at Great Risk
 - 3 Cadres Deployed
 - FY05 10% Portfolio
 - FY06 Additional 10%
 - Yields Relative Ranking
 - Feeds PRA



PRA Methodology (cont'd)

- Phase 2 Portfolio Risk Assessment (PRA)
 - Focus on Dams at Greater Risk
 - To be developed in FY06
 - FY06 10% Portfolio
 - Cost Effectiveness
 - Yields Explicit Risks
 - Feeds Site Specific RA



PRA Methodology (cont'd)

- Phase 3 Site Specific Risk Assessment (RA)
 - Focus on Dams at Greatest Risk
 - To be developed in FY07
 - Optimizes Remedial Alternatives Based on Risk



PRA Timetable

- Identify Dams at Great Risk Apr 05
- Train Cadres May 05
- Conduct Screening PRA Jun Aug 05
- Decision Making Process Aug 05
- FY 07 Budget Process Sep Oct 05
- FY 06 PRA Oct 05 Aug 06
- Execute the Program Oct 06 Sep 07



PRA Guidance

- National Leadership focusing on Screening Activities and Policy Guidance
 - New Engineer Technical Letter being drafted on Risk Analysis and Assessment for Dam Safety (with An Addendum on Navigation Dams)



QUESTIONS?